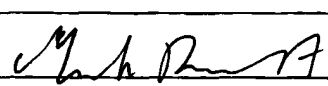
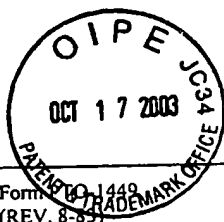


Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 116710		APPLICATION NO. 10/654432	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT Hironori OKADO			
				FILING DATE September 4, 2003			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
MA	1	US 2002/0122010 A1	09/05/2002	McCorkle	343	715	
MA	2	US 6,351,246 B1	02/26/2002	McCorkle	343	715	
MA	3	US 6,515,626 B2	02/04/2003	Bark et al.	343	700ms	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
MA	4	JU-S31-000709-Y	01/21/1956	Japan	—	—	
MA	5	JP A 55-4109 w/abstr.	01/12/1980	Japan	—	—	
MA	6	JP A 57-142003 w/abstr.	09/02/1982	Japan	—	—	
MA	7	JP A 63-275204 w/abstr.	11/11/1988	Japan	—	—	
MA	8	JP A 8-213820 w/abstr. and trans.	08/20/1996	Japan	—	—	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
MA	9	Honda et al., "Improved Input Impedance of Circular Disc Monopole Antenna," Spring National Convention of The Institute of Electronics, Information and Communication Engineers, pp. 2-131, B-131, 1992					
MA	10	Ihara et al., "Broadband Characteristics of Semi-Circular Antenna combined with Linear Element," General Convention of The Society of Electronics, Information and Communication Engineers, pp. 77, B-77, 1996					
MA	11	Ihara et al., "A small Broadband Antenna with Rounded Semi-Circular Element," Society Conference of The Institute of Electronics, Information and Communication Engineers, pp. 78, B-78, 1996					
MA	12	Honda et al., "Wideband Monopole Antenna of Circular Disc," Technical Reports of The Institute of Television," Vol. 15, No. 59, pp. 25-30					
EXAMINER				DATE CONSIDERED			
				11/01/04			
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: September 4, 2003

Sheet 1 of 1

Form 1449 (REV. 8-85)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 116710		APPLICATION NO. 10/654,432	
				INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)			
				APPLICANT Hironori OKADO		FILING DATE September 4, 2003	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
MA	1	5,872,546	02/16/1999	Ihara et al.	343	795	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
MA	2	EP 1 198 027 A1	04/17/2002	Europe	—	—	
	3	JP U 3008389 w/ abstract	12/21/1994	Japan	—	—	
	4	JP A 2001-156532 w/ abst & trans	06/08/2001	Japan	—	—	
	5	JP A 2001-203529 w/ abst & trans	07/27/2001	Japan	—	—	
	6	JP A 2002-319811 w/ abst & trans	10/31/2002	Japan	—	—	
	7	JP A 11-27026 w/ abst & trans	01/29/1999	Japan	—	—	
	8	JP U 5-76109 w/ abstract	10/15/1993	Japan	—	—	
	9	JP A 2001-217632 w/ abst & trans	08/10/2001	Japan	—	—	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER					DATE CONSIDERED 11/01/04		
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Date: October 17, 2003